Work Order ID 87883 \*87883\* Page 1 Tuesday, July 17, 2012 12:40:55 PM Item ID: D412-704-141 Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Pedal Assembly **Start Date:** 7/17/2012 Start Qty: 3.00 **Cust Item ID:** Required Date: 7/20/2012 Req'd Qty: 3.00 **Customer:** Reference: Run Start Process Plan: M Date: 12-07. 17 Tooling: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool # Plan Tool ID Reject Accept Reject Insp. Work Center ID Description **Run Hours** Code Qty Qty Number Stamp Draw Nbr **Revision Nbr** D412-704-141 Α 100 Pick Kit 0.00 3x \*100\* Packaging 0.00 Memo Packaging 110 0.00 \*110\* Small Fab 0.00 Memo Small Fab ASSEMBLE AS PER DWG 120 QC5- Inspect part completeness to step on W/O Memo Quality Control

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-C		NFORN	MANCE / UP	DATE	QA Closed:	 Date:	
Work Ord	or.			:		DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	•
Part I	No.					Rework Scrap Use-as-is Work Order Update	,	Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	į	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				相	Descrip	ption of work order update	ı	nitial	Ac	tion	Sign &		
Cause		Date	Step	Qty	. c	or Non-conformance	Ch	ief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data	П				1.								
Equip/Tooling	П												
Operator	П												
Material	П												
Setup	П												
Other													
Process	П					÷							
Supplier	П											i ·	
Training	П		·	1									
Unapproved	П										1		
#.;	·					F	AUL	T CATE	GORY				
Landi	ng G	iear				General							
	$\Box$	Bending				Bend		Grain			Ovalized		Pressure/Forced
	П	Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re .		Over/Under	tolerance	Temperature/Cure
	П	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
		Crushed/	Crimped.			Burrs		Instruct	ions Incomplete,	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	П	Cuffs				Contamination		Mainte	nance		Part Moved	<u></u>	<del></del>
	П	Heat Trea	ıt			Countersink		Mislabe	led		Positioned \	Wrong	
	П	Inspection	n Strip in	Tube	. }	Cut Too Short	Г	Misread	I		Power Loss,	/Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work	Order	ID	87883

\*87883\*

Page 2

Tuesday, July 17, 2012 12:40:55 PM Item ID: D412-704-141 Accept \*N900040100\* Setup Start **Revision ID:** Stop Item Name: Pedal Assembly **Start Date:** 7/17/2012 Start Qty: 3.00 **Cust Item ID:** Required Date: 7/20/2012 Req'd Qty: 3.00 **Customer:** Reference: Run Start Process Plan: Date: Tooling: Approvals: Date: Stop Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool # Plan **Tool ID** Accept Reject Reject Insp. Work Center ID Description **Run Hours** Code Qty **Qty** Number Stamp 130 Identify as per dwg & Stock Location: 0.00 \*130\* Packaging 0.00 Memo PPP 83787 Packaging 140 QC21- Final Inspection - Work Order Release 0.00 \*140\* MF 19 0.00 Memo Quality Control

DQA:	Date:	

## **WORK ORDER NON-CONFORMANCE / UPDATE**

NCR: Yes / No QA Closed: Date: **AGAINST DEPARTMENT/PROCESS** DISPOSITION Work Order: Engineering Skid-tube Crosstube Water Jet Rework Prod. Eng. Coor. Quality Part No. Machining Small Fab Scrap Rec/Store/Packaging Other Thermoforming Finishing Use-as-is NCR No. Large Fab Composite Supplier Work Order Update Description of work order update Initial Action Sign & Root Description Verification QC Inspector Qty or Non-conformance Chief Eng Date Cause Date Step Doc/Data Equip/Tooling Operator Material Setup Other **Process** Supplier Training Unapproved **FAULT CATEGORY Landing Gear** General Pressure/Forced Ovalized Bend Grain Bending BOM/Route Over/Under tolerance Centre Not Concentric to O/S Hardware Temperature/Cure Broken/Damaged Weld Cracks Inspection Incomplete Part Incorrect Wrong Stock Pulled Part Lost/Missing Crushed/Crimped Burrs Instructions Incomplete/Unclear Cuffs Contamination Maintenance Part Moved Heat Treat Countersink Mislabeled Positioned Wrong Power Loss/Surge Inspection Strip in Tube **Cut Too Short** Misread Other Offset Ripples in Bend **Drill Holes** Torque Waves in Extrusion Drawing **Out of Calibration Turning Sequence Out of Sequence** Finish

**Outside Dimensions** 

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

Work Order ID:

87883

Parent Item:

D412-704-141

Parent Item Name:

Pedal Assembly

**Start Date:** 7/17/2012

Required Date: 7/20/2012

Page 1

Start Qty: 3.00

Required Qty: 3.00

	IPP REV:A NEW	~											
omponent Item ID/ em Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measur	Qty on e Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
3204-041 elease Pedal Assembly		Manufactured	No	:		^	Each (	<b>3</b> 00000		3	B	2/07	7/15
3205-1 dal Bracket		Manufactured	No			B8690	Each	2.0000		1	B	2/0	7/19
				<u>Location</u> GA		Loc Oty 2	1	Loc Code					
205-3 ck Plate		Manufactured	No	83937		2	Each	4.0000		<b>3</b> 2		July 1	671
				<u>Location</u> GA		Loc Qty 4	ļ	Loc Code	· 	/			
206-1 al Arm		Manufactured	No	83991		4	Each	1.0000		3		/12	107
				Location ST 83938		Loc Oty	<u>I</u>	Loc Code		/		/ شد 3	
209-041 cket Assembly		Manufactured	No	3511 H	7 2 -	199V)(_	Each	0.0000		3		52/1	67 /
10-5 n		Manufactured	No	10000 ( 10	י ע	1 wee	Each	9.0000		3		Siz	107
				Location ST203		Loc Oty 9	Ī	<u>∞c Code</u>		2		/	
ill-1 hing		Manufactured	No	82195		9	Each	9.0000		3	4	J2	67
) }				Location ST116		<u>Loc Qty</u> 9	<u>1</u>	Loc Code	<del></del> ,	<i></i>		_ /	. /-
L				82197	÷	9				<b>&gt;</b>			

NCR: Yes / No		WORK ORDER NON-CON	IFORMANCE / UPI	DATE	
	:			Q	A Closed:
		DISPOSITION		AGAINST DEPA	RTMENT
	ų ir	Rework	Skid-tube	Crosstube	
David Ma		C	NA Indicate	C	` D

			į.							QA Closed:	Date:	
Work Orde	r.				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N	o		4		Rework Scrap Use-as-is Work Order Update		ا Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descr	iption of work order update	Ini	tial	Ac	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	4	f Eng	Desc	cription	Date	Verification	QC Inspector
oc/Data				·								
quip/Tooling												
perator				<u> </u>								
/laterial												
etup				A. H								
Other												
rocess				1								
upplier		ļ										
raining				<u> </u>								
Inapproved		İ										
						FAULT	CATE	GORY	·			···
Landin	g Gear				General		-					3
	Bending			•	Bend	∐G	rain			Ovalized		Pressure/Forced
ļ	Centre No	ot Conce	ntric to	O/S	BOM/Route	Н	ardwa	re		Over/Under	<del></del>	Temperature/Cure
	Cracks				Broken/Damaged	_		on Incomplete		Part Incorre	ct	Weld
	Crushed/	Crimped	-	_	Burrs	_		ions Incomplete,	/Unclear	Part Lost/M		Wrong Stock Pulled
	Cuffs				Contamination	-		enance		Part Moved		
	Heat Trea			Ĺ	Countersink	<b>⊢</b>   ~	1islabe	eled		Positioned \	_	· ¬
	Inspectio	n Strip in	Tube	L	Cut Too Short	⊢	1isreac	t		Power Loss,	'Surge	Other
	Ripples in			L	Drill Holes	$\vdash$	ffset					
	Torque W	Vaves in E	Extrusio	n L	Drawing	الل	ut of (	Calibration				
	Turning S	equence		ļ	Finish		ot of S	Sequence				

Outside Dimensions

DQA:

Date:

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Tuesday, July 17, 2012 12:40:54 PM

Work Order ID: Parent Item: Parent Item Name:	87883 <b>D412-704-141</b> Pedal Assembly				•			te: 7/17/2012 ty: 3.00	Required Date: 7/20/2012  Regulfred Qty: 3.00
<b>AN3-10A</b> Bolt		Purchased	No			Each	80.0000		3/5/12/07/1
				Location	Loc Qty		Loc Code		
* 4				ST351	. 80				
			•	117795	2				
				120873	78				
N315-4R		Purchased	No			Each	37.0000		3
lut									(1) 107
				Location	Loc Oty		Loc Code		
				ST343	20		<del></del>		/
				122416	20				
				ST344	17			-	
				17566	17			-3	
N4-10A		Purchased	No		• •	Each	110.0000		
Bolt		1 di ciidoca	-			24011	110.0000	•	
•				Location	Loc Oty		Loc Code		
				ST355	50		200 0040		// /
				122407	50				
				ST356	60			_	
				117619	10				
				121666	50				
N4-12A		Purchased	No	121000	30	Each	479.0000		
olt		i uiciiaseu	110			Lacii	777.0000		(4)12/07
				Location	Loc Qty		Loc Code		7/0/0/0/
				ST357	479		Doc Couc		
				120423	464				
				121524	15				
1S20002-4		Purchased	No	121327	13	Each	97.0000	—— <del>•</del>	
/ASHER		ruichased	110			Each	97.0000	•	1 / /2/11
				<b>T</b>					Ch 10/1
				<b>Location</b>	Loc Qty		Loc Code		
				ST314	97				
				121114	97			ئ	
								11	21000 (800)
uesday, July 17, 20	13 13 10 51 D11				Packet Print				

												DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-C	COI	NFORM	MANCE / UP	DATE				
												QA Closed:	Date:	
Work Ord	er:				* .	DISPOSITION				AGAINST D	E	PARTMENT	PROCESS	
Part I	No.				Section of the sectio	Rework Scrap Use-as-is Work Order Update		Thern	Skid-tube  Machining  noforming  Large Fab	Crosstube Small Fab Finishing Composite			Water Jet d. Eng. Coor. e/Packaging Supplier	Engineering Quality Other
Root					Descr	iption of work order update		Initial	Ac	tion	П	Sign &		
Cause		Date	Step	Qty∗		or Non-conformance	Ch	nief Eng	Desc	ription		Date	Verification	QC Inspector
Doc/Data				!	And the state of t									
Equip/Tooling											-			
Operator														
Material														
Setup											١			
Other														
Process														
Supplier														
Training											- 1			
Unapproved														
						F	AUL	LT CATE	GORY					
Landi	ng G	ear				General	_	•		_				-
ļ ·	Ш	Bending			· .	Bend		Grain		<u> </u> _		Ovalized		Pressure/Forced
	Ш	Centre No	ot Concer	ntric to	O/S	_BOM/Route		Hardwa	re			Over/Under	tolerance	Temperature/Cure
	Ш	Cracks				Broken/Damaged	L	Inspecti	on Incomplete	· L		Part Incorre	ct	Weld
	Ш	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	'Unclear		Part Lost/Mi	ssing	Wrong Stock Pulled
ĺ	Ш	Cuffs		. :		Contamination		Mainte	enance			Part Moved		
		Heat Trea	it	:		Countersink		Mislabe	eled	. [		Positioned V	Vrong	_
	П	Inchection	n Strin in	Tube		Cut Too Short		Microso	4			Power Loss/	Surgo .	Other

Offset

Out of Calibration

Out of Sequence

**Outside Dimensions** 

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

**Drill Holes** 

Drawing

Finish

Tuesday, July 17, 2012 12:40:54 PM

Work Order ID: Parent Item: Parent Item Name:	87883 D412-704-141 Pedal Assembly							ate: 7/17/2012 Qty: 3.00	Required Date: 7/20/2012  Required Qty: 3.00
MS20004-24 BOLT		Purchased	No			Each	17.0000		3 / 12/07/19
ī		• •		Location	Loc Oty		Loc Code		The following
· · · · · · · · · · · · · · · · · · ·				ST305	17		<del></del>		
÷				121090	17			-3-	
1S21042L3		Purchased	No			Each	3,123.0000		3
ut	•								- CASID (07)
•				<b>Location</b>	Loc Oty		Loc Code		
				ST300	1123				
				117885	32				
				119017	757				
				119075 121444	138 196				
	•			ST317					
				122141	2000 2000			•	
<b>1821042L4</b> Tut		Purchased	No	122141	2000	Each	1,993.0000	1	5 / 5/07/
				Location	Loc Qty		Loc Code		
				ST300	1993				
				119075	116				
				121011	193				•
				121444	1684			15	O - I
<b>IS24694-S104</b> CREW		Purchased	No			Each	47.0000	_	3 / 5/2/07/
				Location	Loc Oty		Loc Code		
				ST290	47				//
				121090	47				V
								•	-

DQA:	Date:	
		 _

NCR: Yes / No

## **WORK ORDER NON-CONFORMANCE / UPDATE**

	•			÷ • §				·		QA Closed:	Date:	:
Work Orde	·r·				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N					Rework Scrap Use-as-is			Skid-tube Machining noforming	Crosstube Small Fab Finishing	4	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other
NCR N	lo		-		Work Order Update	]	1110111	Large Fab	Composite	incersion	Supplier	
Root				Des	cription of work order update	li li	nitial	Ac	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chi	ief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling Operator												
Material												
Setup				:								
Other						i						•
Process		ļ										
Supplier		,										
Training										1		
Unapproved		<u> </u>		1								<u> </u>
						FAUL	T CATE	GORY	· · · · · · · · · · · · · · · · · · ·			
Landin	ng Gear		•		General		٠.		<del></del>	-		
ļ	Bending				Bend		Grain			Ovalized		Pressure/Forced
1	Centre N	ot Concei	ntric to	O/S	BOM/Route	Ш	Hardwa	ire		Over/Under	tolerance	Temperature/Cure
ļ	Cracks		:	. 74	Broken/Damaged			ion Incomplete		Part Incorre	<u> </u>	Weld
	Crushed/	Crimped.			Burrs		Instruct	tions Incomplete,	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination		Mainte	enance		Part Moved		
	Heat Trea	at		*	Countersink		Mislabe	eled		Positioned \		_
	Inspectio	n Strip in	Tube	:	Cut Too Short		Misread	d		Power Loss/	'Surge	Other
	Ripples in	n Bend			Drill Holes		Offset					
	Torque V	Vaves in E	extrusio	n	Drawing	. 🔲	Out of	Calibration				
	Turning S	equence			Finish		Out of	Sequence				
· .	Wave/Tw	vist in Tul	oe e	Tarana Tarana	Folio		Outside	e Dimensions				

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Tuesday, July 17, 2012 12:40:55 PM

Work Order ID:	87883										
Parent Item:	D412-704-141								Start D	ate: 7/17/2012	Required Date: 7/20/2012
Parent Item Name:	Pedal Assembly				٠.		•			Qty: 3.00	Required Qty: 3.00
MS9519-10		Purchased	No					Each	21.0000		
Bolt		1 di chased			•			Euch	21.0000		(A) (2/1)
				Location	<u>l</u>		Loc Qty		Loc Code		
				ST296			21				
					100290	1	3				
					122141	4 - 4 - 4	8				<i>F</i> +
÷					122151		10				
NAS1149D0363J	•	Purchased	No					Each	5,937.0000	1	5
Vasher							•				( )12/07
				Location			Loc Qty		Loc Code	**.	
				ST297			5000				
				•	122378		5000				
				ST298			937				
					116025		1				
					117601		61				
					119537		33			AAA	
					120142		13				
					120308		17				
					121243 121524		319 493				
NAS1149D0416J		Donalossa	No		121324		493	FL	117.0000		. // /
Vasher		Purchased	INO					Each	117.0000	6	1/2/07/
				Location			Loc Oty		Loc Code	· · · · · · · · · · · · · · · · · · ·	9
				ST297					<u>Loc Code</u>		
					120833		116 3				
					120833		113			6	,
				ST298			113				
					119124		1				
AS1149D0463J		Purchased	No		*1714T	,	1	Each	197.0000		
/asher		i ui ciiascu	. 10					Lacii	177.0000	3	( / ) W/NZ/
				Location					Los Codo		TO JUTH
							Loc Oty		Loc Code		
				ST299	121012	ŝ	197				
					121912		197				MU2111 /390
						e e					11102441

		DQA:	Date:	
· Vos / No	WORK ORDER NON-CONFORMANCE / LIPDATE			

NCR: Y	Yes	/ No				WORK ORDER NON-C	JON	IFOKI	VIANCE / UP	DATE	QA Closed:	Date	<b>:</b> :			
Work Orde	ər.				a*	DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part No.  NCR No.						Rework Scrap Use-as-is Work Order Update			Skid-tube Crosstube Small Fab Thermoforming Finishing Composite			Water Jet Enginee Prod. Eng. Coor. Qu Rec/Store/Packaging O Supplier				
Root					Descr	iption of work order update	lı	Initial Action			Sign &					
Cause	1	Date	Step	Qty		or Non-conformance	Chi	ief Eng	Desc	ription	Date	Verification	QC Inspector			
Doc/Data																
Equip/Tooling				:												
Operator										,						
Material																
Setup																
Other																
Process			Í													
Supplier	_									•						
Training	$\dashv$										Ì					
Unapproved		L	<u> </u>	1	1999 ·		<u>                                     </u>	T CATE	CORY		<u> </u>		<b>1</b> ,,			
Landi		2025				General	AUL	CATE	GORY							
Landii		Bending				Bend		Grain			Ovalized	Γ	Pressure/Forced			
			nt Concer	ntric to		BOM/Route	Н	Hardwa	re	<del> </del>	Over/Under	tolerance	Temperature/Cure			
1.0	-	Centre Not Concentric to O/S Cracks				Broken/Damaged	$\vdash$		ion Incomplete		Part Incorre	-	Weld			
	-	Crushed/Crimped				Burrs	_		ions incomplete/	/Unclear	Part Lost/Mi	issing	Wrong Stock Pulled			
		Cuffs	•			Contamination	-	Mainte	•		Part Moved	_	<b>_</b>			
		Heat Trea	it			Countersink	П	Mislabe	eled		Positioned V	Vrong				
		Inspection	n Strip <sub>i</sub> in	Tube		Cut Too Short		Misread	t		Power Loss/	'Surge	Other			
l i		Ripples in	Bend			Drill Holes		Offset								
		Torque W	aves in E	xtrusio	n [	Drawing		Out of (	Calibration							
	- 2	Turning S	equence		Γ	Finish		Out of Sequence								

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

Picklist Print
Tuesday, July 17, 2012 12:40:55 PM

Work Order ID: Parent Item: Parent Item Name:	87883 D412-704-141 Pedal Assembly					·			ate: 7/17/2 <b>013</b> ety: 3.00	Required Date: 7/20/2012 Required Qty: 3.00
AN3-6A  Seg Bolt	•	Purchased	No				Each	233.0000	6	
7		•		Location	Lo	c Qty		Loc Code	/	
				ST351		233				•
	•			117441		34				
				C120644	•	49			6	
				121060		50				1 Jan 1980
				121166		100				
NAS1149D0332J Washer		Purchased	No				Each	1,421.0000	12	
1				<u>Location</u>	Lo	c Oty		Loc Code		,
				ST297		904				
				121708		904				
				ST298		517				
				105793		12				·
				110985		4				
				117087		89				
				119042		16 99				•
				12064		7			_/\$	
				121011		290				, ^
MS21042L3 Nut		Purchased	No		-yi		Each	3,123.0000	6	6/2/195/
·				<b>Location</b>	Loc	<u>Oty</u>		Loc Code		
				ST300		1123				
				117885		32			·	
				119017		757				
				119075		138			<del></del>	
				121444		196				•
				ST317		2000				
				122141		2000				
	•				;	-				

												DQA:	Dat	.e:			
NCR: Y	Yes	/ No			· · · · · · · · · · · · · · · · · · ·	WORK ORDER NON-O	COI	NFOR	MANCE / UP	DATE		QA Closed:	 Dat	te:			
Work Order:						DISPOSITION	DISPOSITION AGAI					IST DEPARTMENT/PROCESS					
Part N	٠ . No.				As N. Takes	Rework Scrap Use-as-is Work Order Update			Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite			Water Jet d. Eng. Coor. e/Packaging Supplier		Engineering Quality Other		
Root			1	1	Desc	cription of work order update		nitial	Ac	tion		Sign &					
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription		Date	Verification	n İ	QC Inspector		
Doc/Data					1.						$\Box$				٠		
Equip/Tooling					·												
Operator				ľ													
Material																	
Setup					a a												
Other																	
Process																	
Supplier																	
Training				:	<u> </u>				·		İ						
Unapproved																	
			٠			F	AUL	T CATE	GORY								
Landi	ng G	ear			12	General									_		
		Bending				Bend		Grain				Ovalized		L	Pressure/Forced		
		Centre N	ot Conce	ntric to	o/s	BOM/Route		] Hardwa	are Over/Under tolera				tolerance	L	Temperature/Cure		
	Cracks					Broken/Damaged		Inspect	ion Incomplete			Part Incorre	ct		Weld		

Instructions Incomplete/Unclear

Maintenance

Out of Calibration

Out of Sequence

Outside Dimensions

Mislabeled

Misread

Offset

Part Lost/Missing

Positioned Wrong

Power Loss/Surge

Part Moved

Wrong Stock Pulled

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Crushed/Crimped.

Inspection Strip in Tube

Torque Waves in Extrusion

Cuffs

ž, .,

Heat Treat

Burrs

Contamination

Countersink

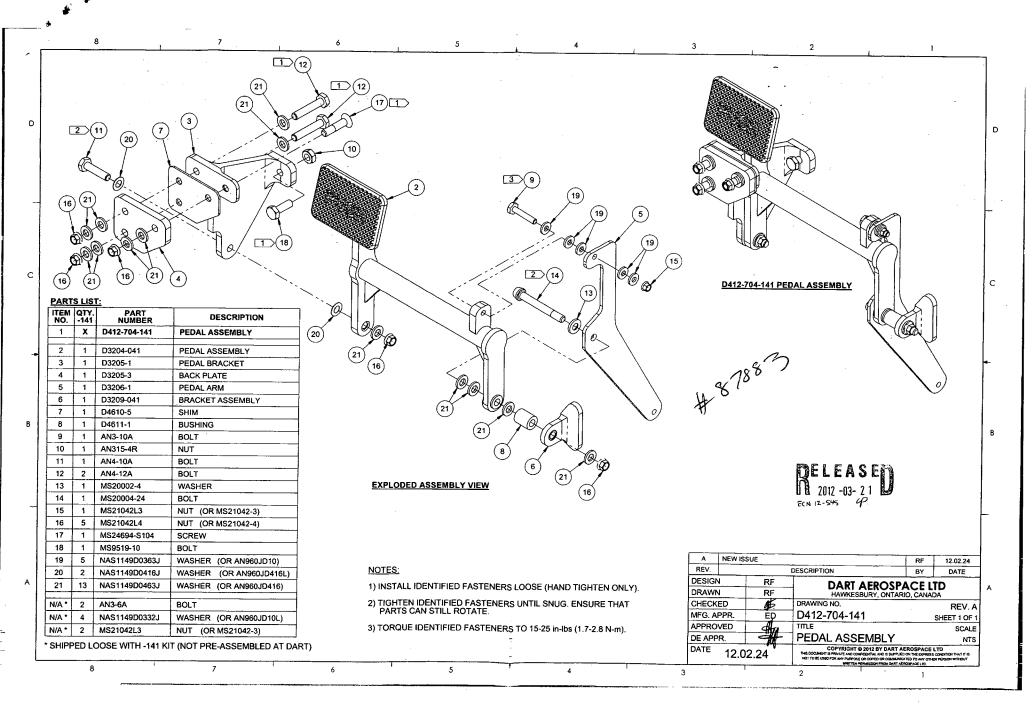
**Cut Too Short** 

**Drill Holes** 

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



DQA:	Date:	

NCR: Yes / No

## **WORK ORDER NON-CONFORMANCE / UPDATE**

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	25 , 110									QA Closed:	Date					
Work Orde	or:		:	<b>.</b>	DISPOSITION		AGAINST DEPARTMENT/PROCESS									
TTOIR OTUC		*	7 - 7		Rework	Rework			Crosstube	]	Water Jet	Engineering				
Part N	lo.		•		Scrap	1		Skid-tube Machining	Small Fab	Pro	d. Eng. Coor.	Quality				
			<del></del>		Use-as-is	1	l .	noforming	Finishing	Rec/Sto	Other					
NCR N	lo.			, £1	Work Order Update	1		Large Fab	Composite		Supplier					
	-	176.				_										
Root		** :			cription of work order update		nitial	Ac	tion	Sign &						
Cause	Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector				
Doc/Data								-				•				
Equip/Tooling																
Operator						1										
Material			1													
Setup		*						-		i i						
Other			-[				•	·								
Process																
Supplier											[					
Training	<u>·</u>															
Unapproved		<u> </u>	1						· · · · · · · · · · · · · · · · · · ·							
i			•	1. 	<del></del>	AUL	T CATE	GORY								
Landin	ng Gear		•		General		1.	•		ъ ·		_				
	Bending			[	Bend	L	Grain			Ovalized		Pressure/Forced				
	Centre Not Concentric to O/S				BOM/Route	<u> </u>	Hardwa		Ļ	Over/Under	<b>)</b>	Temperature/Cure				
	<del></del>				Broken/Damaged	$\perp$	4	ion Incomplete		Part Incorre		Weld				
					Burrs	_	4	tions incomplete/	Unclear	Part Lost/M		Wrong Stock Pulled				
	Cuffs Contamination				<b>⊣</b>		Mainte		<u>_</u>	Part Moved						
1	Heat Trea	at			Countersink		Mislabe		·	Positioned \		<del></del> 1				
Ĺ	Inspectio		Tube		Cut Too Short		Misrea	d	L	Power Loss,	/Surge	Other				
. [	Ripples in Bend Drill Holes						Offset		•							
	Torque W	Vaves in I	Extrusio	on [	Drawing		Out of	Calibration								
	Turning S	equence	!		Finish		Out of	Sequence								
Ī	Wave/Tw	ist in Tu	be		Folio		Outside	Dimensions								

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G